AT-SPLX40/1550

Small Form Pluggable (SFP) Modules

AT-SPLX40/1550

40km 1000LX SFP

Industry Standard

The AT-SP series offers the latest industry standard in flexible, full-duplex Gigabit Ethernet connectivity. These hot-swappable, fiber interfaces simply plug into a SFP slot on Allied Telesis SFP compatible products. Configurations can be optimized to meet varied distance and service requirements.

Options

The AT-SP series offers short-haul and long-haul solutions. From the inexpensive AT-SPSX to the far-reaching AT-SPZX80, you have the option to extend your network to the distances that meet your performance needs. The CWDM version allows you to take advantage of the CWDM technology in an existing network infrastructure, maximizing fiber efficiency. Multi-rate versions allow technologies other than just Gigabit Ethernet to be transmitted over single-mode fiber.

Product Compatibility

The AT-SP series SFPs are compatible with all the Allied Telesis range of products that support SFP uplink connections.

Technical Specifications

Media type		SMF
Wavelength		1550nm
Maximum data rate		1.25Gbps
Distance		40km
Digital diagnostics		Yes
Transmit power	(min)	-5dBm
Transmit power	(typ)	-2.5dBm
Transmit power	(max)	0dBm
Receive sensitivity	(typ)	-26dBm
Receive sensitivity	(max)	-24dBm
Power budget		19dBm
Fiber connector		LC

Standard Data Rates Supported

Optical Gigabit Ethernet

Environmental Specifications

Operating temp.	-5°C to 70°C
Operating humidity	0% to 85% (non-condensing)
Storage temp.	-40°C to 85°C
Storage humidity	0% to 85% (non-condensing)

Key Features

- Copper and fiber solutions
- Compact size
- Flexible architecture
- Plug & Play ease-of-use
- Self-locking mechanism
- 'Colored' wavelength for CWDM use
- Data: Support for fiber channel and 2x fiber channel
- Telecom: support for OC3/STM-1, OC12/STM-4, and OC48/STM-16

Ordering Information

AT-SPLX40/1550
40km 1000LX SFP, 9 Micron SMF (1550nm)

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